

**EMERGENCY VEHICLE TECHNICIAN I**

(Competitive Class)

**DISTINGUISHING FEATURES OF WORK**

This class encompasses technical positions, the primary duties of which include the repair and maintenance of fire department automotive systems and engines, as well as department equipment. Employees of this class make repairs to the fire apparatus and fire apparatus equipment, perform routine maintenance tasks on fire department vehicles, test repairs from outside services and complete safety inspections as required. Emergency Vehicle Technicians receive specific instruction for most duties; however, have authority to work independently in certain designated areas. Employees of this class report to and have work reviewed by the Emergency Vehicle Technician II. This class ranks immediately below that of Emergency Vehicle Technician II.

**EXAMPLES OF WORK**

Examples listed below are illustrative only. They are not intended to include all duties which may be assigned, neither are they intended to exclude other duties which may be logical assignments to this class.

Performs maintenance, repairs or adjustments on cooling, fuel, brake, lubricating, and electrical systems of fire department apparatus and vehicles. Ensures proper working order to systems by installing replacement parts, such as fan and belts, fuel lines, drum, disc or power brakes, oil seals, batteries, and other parts as necessary. Performs maintenance, repairs or adjustments on drive train, emission and suspension systems. Installs necessary replacement parts to such systems, such as replacing clutches and transmissions, mufflers and tires and wheel bearings.

Performs maintenance and repairs to gasoline engines which may include the installation or replacement of intake and exhaust manifolds, cylinder heads, gaskets or valves. Performs maintenance and repairs to diesel engines which may include adjusting or replacing scavenging-air compressors, fuel spray nozzles and turbochargers. Repairs fire apparatus hydraulic equipment, such as pumps, aerial ladders, and hydraulic motors and cylinders. Inspects, maintains, and repairs all fixtures on fire apparatus.

Performs general maintenance tasks on departmental vehicles and fire apparatus, such as refueling vehicles, changing and adding oil and adjusting headlights, as needed in order to assure peak performance. Replaces and installs accessories on automotive equipment, as needed. Changes air filters on air conditioning and heating systems. Uses automotive maintenance instruments in the maintenance or repair of fire automotive equipment. Performs general maintenance tasks on fire stations and departmental

buildings, such as installing, maintaining or repairing air conditioning, heating, plumbing and electrical systems. Paints all areas as needed.

Provides for the repair and maintenance on portable equipment and small power tools, such as portable generators and pumps, power saws and water towers, lawn mowers and edgers, and any department equipment as required. Disinfects and provides for the proper storage of self-contained breathing apparatus. Refills self-contained breathing apparatus using the appropriate system.

Diagnoses mechanical problems from information received from fire department personnel. Reads service manuals, parts books, and any other written material necessary to determine how to perform required repairs and maintenance duties. Makes mathematical calculations in order to perform accurate and correct measurements, adjustments, or calibrations.

Locates and arranges for outside services for repair and maintenance of department equipment or vehicles when needed. Transports, delivers, and retrieves equipment for repair or maintenance by driving department vehicles. Inspects, tests and ensures completed repairs from outside services on all vehicles and equipment, including communications equipment, were effectively accomplished. Makes repairs at the emergency scene as required.

Performs required safety inspections on all department vehicles, including inspecting equipment after repair. Determines if firefighting apparatus involved in an accident is safe for continued use. Performs service tests of fire hose and hose couplings, nozzles and nozzle assemblies and flow tests of self-breathing apparatus.

Completes and files any forms and records required. Retrieves records, reports or forms from the file when necessary. Writes reports as directed. Maintains records on the use and maintenance of self-contained breathing apparatus.

Assists superiors with maintaining inventory of supplies, equipment and departmental property necessary to perform the work in the maintenance division. Organizes and distributes supplies and parts as required. Participates in the purchase of equipment and supplies as directed. Distributes supplies and equipment to fire department employees and divisions in accordance with department policy.

Performs any related duties assigned.

**QUALIFICATION REQUIREMENTS**

Unless otherwise specified, all requirements listed below must be met by the filing deadline for application for admission to the examination.

Must meet all requirements of the Municipal Fire and Police Civil Service Law, including being a citizen of the United States and of legal age.

After offer of employment, but before beginning work in this class, must pass a physical examination, the selection and administration of which shall be authorized by the Appointing Authority, designed to demonstrate good health and physical fitness sufficient to perform the essential duties of the position, with or without accommodation.

Applicant must possess one of the following: high school diploma, general educational development (G.E.D.) certificate, high school transcript, affidavit from the issuing high school, associate's or bachelor's degree, or college transcript, any one of which must indicate that graduation has occurred or a degree awarded. A certification of completion shall not be sufficient to substitute for a diploma or G.E.D. certificate.

Must possess a valid driver's license.

Must not be less than 21 years of age.

SH	06-18-46
Rev	02-13-61
	06-14-74
	10-06-83
	12-01-83
	03-01-84
	08-06-87
	01-05-95
	02-16-00
	12-10-08
	11-11-11
	05-09-12